Peak District National Park

Forecast valid from 00:00 on Thursday 09 Jun 2022 until 23:59 on Friday 10 Jun 2022

Forecast Issued on Wednesday 08 Jun 2022 at 11:29

Confidence: High for changeable conditions but generally small rainfall amounts, and also for a spell of stronger winds developing into the weekend, the strongest winds likely on Saturday.

Headline for Thursday 09 Jun 2022: Cloudy with some patchy light rain at first and into the evening. Brighter and drier interlude for the afternoon.

Mountain weather hazards on Thursday 09 Jun 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	10%	20%	20%	<05%	<05%	30%	60%

Forecast for Thursday 09 Jun 2022

Weather: Cloudy conditions are likely to arrive from the west around midnight, with a little patchy light rain. These conditions are expected to gradually clear towards midday, with a drier, brighter interlude for the afternoon. A further band of thicker cloud and patchy light outbreaks of rain will arrive from the west by early evening.

Chance of cloud-free hill tops above 600m: 30% at first, but improving to 90% or more by midday, and into the afternoon. Chances reduce into the evening, perhaps lowering to 20% later.

Low cloud and visibility: Low cloud may be down to around 400m at first, but soon lifting and breaking to clear summits through the late morning. Cloud likely to lower onto higher peaks again into the evening. Visibility likely to be poor across the higher summits at first, but soon improving to generally good or very good into the afternoon. Visibility is likely to reduce again to moderate to poor at times into the evening, as patchy light rain arrives from the west.

Forecast for Thursday 09 Jun 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/26 W	20/27 W	20/28 W	19/27 W	17/25 W	16/24 SW	16/22 SW	17/25 SW	18/27 SW
300	12/19 W	13/21 W	14/21 W	14/22 W	13/20 W	14/22 SW	12/18 S	13/20 SW	12/21 SW
Valley	9/19 W	9/21 W	11/23 W	12/22 W	11/20 W	11/21 SW	8/18 S	9/20 S	9/21 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/4	8/4	9/6	12/9	12/9	12/9	12/9	10/7
300	11/8	10/7	10/7	12/9	15/12	15/12	14/12	14/12	13/11
Valley	12/10	11/9	11/9	13/11	16/14	16/14	15/14	14/13	13/12
Freezing Level*	2000m	2100m	2000m	1900m	1800m	3200m	2900m	2200m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 08 Jun 2022	8.6mm	8.6mm	10.2mm

Forecast for Friday 10 Jun 2022
Weather: Cloud breaking after midnight with clear spells developing along with largely dry conditions. Friday daytime should be largely dry with sunny spells, with the chance of an isolated light shower.

Maximum wind: Southwest 20mph gust 35mph.

Chance of cloud-free hill tops above 600m: 90% or more.

Low cloud and visibility: Any cloud bases around summit height will be limited to the highest peaks overnight. Otherwise, summits should remain cloud free.

Temperature: **Valleys:** 12 Celsius rising to Plus 19 Celsius.
At 600m: Plus 8 Celsius rising to Plus 15 Celsius.
Freezing level: Above summits.